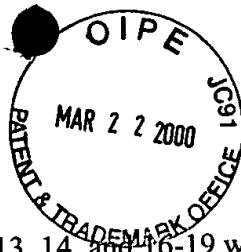


Serial No.: 09/302,024
Group Art Unit: 1652



In the Claims:

Please cancel claims 13, 14, and 16-19 without prejudice or disclaimer of the subject matter contained therein and enter the following new claims:

-- 28. An isolated polypeptide comprising an amino acid sequence having at least 95% identity with the amino acid sequence set forth in SEQ ID NO:2 and wherein the isolated polypeptide is effective to induce antibodies to a polypeptide having the sequence of SEQ ID NO:2.

-- 29. The isolated polypeptide of claim 28, wherein the amino acid sequence has at least 97% identity with the amino acid sequence set forth in SEQ ID NO:2 and wherein the isolated polypeptide is effective to induce antibodies to a polypeptide having the sequence of SEQ ID NO:2.

-- 30. An isolated polypeptide comprising a polypeptide sequence comprising the amino acid sequence set forth in SEQ ID NO:2.

B' -- 31. A composition comprising the isolated polypeptide of claim 30 and a pharmaceutically acceptable carrier.

-- 32. The isolated polypeptide of claim 30, wherein the isolated polypeptide comprises a heterologous amino acid sequence fused to the polypeptide sequence.

-- 33. A composition comprising the isolated polypeptide of claim 32 and a pharmaceutically acceptable carrier.

-- 34. The isolated polypeptide of claim 30, wherein the isolated polypeptide consists of the polypeptide sequence.

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- 35. A composition comprising the isolated polypeptide of claim 34 and a pharmaceutically acceptable carrier.
- 36. An isolated polypeptide comprising a polypeptide sequence comprising at least 50 consecutive amino acids of SEQ ID NO:2 and wherein the isolated polypeptide is effective to induce antibodies to a polypeptide having the sequence of SEQ ID NO:2.
- 37. A composition comprising the isolated polypeptide of claim 36 and a pharmaceutically acceptable carrier.
- 38. The isolated polypeptide of claim 36, wherein the isolated polypeptide comprises a heterologous amino acid sequence fused to the polypeptide sequence.
- 39. A composition comprising the isolated polypeptide of claim 38 and a pharmaceutically acceptable carrier.
- B' -- 40. The isolated polypeptide of claim 36, wherein the isolated polypeptide consists of the polypeptide sequence.
- 41. A composition comprising the isolated polypeptide of claim 40 and a pharmaceutically acceptable carrier.
- 42. An isolated polypeptide comprising a polypeptide sequence comprising at least 30 consecutive amino acids of SEQ ID NO:2 and wherein the isolated polypeptide is effective to induce antibodies to a polypeptide having the sequence of SEQ ID NO:2.
- 43. A composition comprising the isolated polypeptide of claim 42 and a pharmaceutically acceptable carrier.